

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/005304

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07B59/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VICTOR W PIKE AND FRANKLIN I. AIGBIRHIO: "Reactions of Cyclotron-produced ' <sup>18</sup> F!Fluoride with Diaryliodonium Salts - a Novel Single-step Route to NO-carrier-added ' <sup>18</sup> F!Fluoroarenes" J. CHEM. SOC. CHEM. COMMUN., 1995, pages 2215-2216, XP002322496 cited in the application	17
A	page 2215, right-hand column, line 17 - line 20 ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search  29 March 2005	Date of mailing of the international search report  13/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Diederer, J

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHAH ET AL: "The synthesis of '18-F!fluoroarenes from the reaction of cyclotron-produced '18-F!fluoride ion with diaryliodonium salts!" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, CHEMICAL SOCIETY. LETCHWORTH, GB, vol. 13, 1998, pages 2043-2046, XP002313734 ISSN: 0300-922X cited in the application	17
A	the whole document	1
A	JACEK J. LUBINKOWSKI ET AL.: "Reactions of Diaryliodononium Salts with Sodium Alkoxides" J. ORG. CHEM., 1975, pages 3010-3015, XP002322497 page 3010, left-hand column - right-hand column	1